

Attorney's Docket No.: 06618-512001
Client's Ref. No.: CIT3076

OFFICIAL COMMUNICATION

FACSIMILE

FOR THE PERSONAL ATTENTION OF:

EXAMINER WALTER E. SNOW

GROUP 2862 FAX NO: (703) 872-9318

Number of pages including this page

Applicant : Mory Gharib, et al.
Serial No. : 09/838,344
Filed : September 15, 2000

Art Unit : 2862
Examiner : Walter E. Snow

Title : INTEGRATED SENSOR

FACSIMILE COMMUNICATION

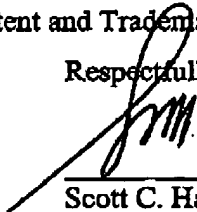
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached to this facsimile communication cover sheet is Response, faxed this 3rd day of September, 2003, to Group 2862, the United States Patent and Trademark Office.

Respectfully submitted,

Date: September 3, 2003



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No.: 09/838,344 Examiner : Walter E. Snow
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RESPONSE TO RESTRICTION REQUIREMENT

In response to the official action dated August 22, 2003, applicant herewith elects the species 1 covering figure 1. A listing of claims follows.

- b1
1. (Original) A sensor, comprising;
a laser element, producing a diverging beam; and
a single substrate, including a first diffractive optical element placed to receive the diverging beam and produce a fringe based thereon, a scattering element which scatters said fringe beam based on particles being detected, and a second diffractive element receiving scattered light.
 2. (Original) A sensor as in claim 1, wherein said single substrate includes a first surface which includes both said first and second diffractive optical elements.
 3. (Original) A sensor as in claim 2, further comprising a second surface, opposite said first surface, including a

CERTIFICATE OF TRANSMISSION BY FACSIMILE

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